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OM protein - protein search, using sw modifi

Run on: January 16, 2003, 16:43:32 ; Search time 5.14286 Seconds
(without alignments)
28,606 Million cell updates/sec

Title: US-09-856-070-18
Sequence: 1 KEELM 5

Scoring table: BLASTM2
GapOp 10.0 , GapExt 0.5

Searched: 262574 seqs, 26422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 206000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA: *

1: /cgn2_6/ptodatal2/iaa/5A_COMB.pop.*
2: /cgn2_6/ptodatal2/iaa/5B_COMB.pop.*
3: /cgn2_6/ptodatal2/iaa/5C_COMB.pop.*
4: /cgn2_6/ptodatal2/iaa/5D_COMB.pop.*
5: /cgn2_6/ptodatal2/iaa/5E_COMB.pop.*
6: /cgn2_6/ptodatal2/iaa/5F_COMB.pop.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	24	100.0	53	4	US-09-187-789-59	Sequence 59, Appl
2	24	100.0	53	4	US-09-189-601-54	Sequence 13, Appl
3	24	100.0	171	2	US-08-394-189B-13	Sequence 40, Appl
4	24	100.0	171	3	US-08-358-287B-40	Sequence 40, Appl
5	24	100.0	171	3	US-08-368-704C-40	Sequence 13, Appl
6	24	100.0	171	5	PCT-US93-05705-13	Sequence 26, Appl
7	24	100.0	172	2	US-08-394-189B-26	Sequence 7, Appl
8	24	100.0	172	2	US-08-394-189B-27	Sequence 14, Appl
9	24	100.0	330	1	US-08-410-167A-4	Sequence 15, Appl
10	24	100.0	340	2	US-08-808-560-1	Sequence 16, Appl
11	24	100.0	340	4	US-08-131-126-1	Sequence 2, Appl
12	24	100.0	434	1	US-08-111-939-13	Sequence 13, Appl
13	24	100.0	434	4	US-09-233-389-7	Sequence 19, Appl
14	24	100.0	435	1	US-08-111-939-14	Sequence 15, Appl
15	24	100.0	435	1	US-08-111-939-15	Sequence 16, Appl
16	24	100.0	435	1	US-08-111-939-16	Sequence 2, Appl
17	24	100.0	435	1	US-08-452-262-2	Sequence 18, Appl
18	24	100.0	435	1	US-08-734-560-2	Sequence 2, Appl
19	24	100.0	435	5	PCT-US96-37528-2	Sequence 2, Appl
20	24	100.0	476	4	US-08-233-494-3	Sequence 3, Appl
21	24	100.0	476	4	US-09-233-389-6	Sequence 6, Appl
22	24	100.0	476	4	US-09-260-100-8	Sequence 2, Appl
23	24	100.0	485	4	US-09-496-459-2	Sequence 2, Appl
24	24	100.0	485	4	US-09-496-459-2	Sequence 2, Appl
25	24	100.0	496	4	US-09-496-459-2	Sequence 2, Appl
26	24	100.0	496	4	US-09-558-679-2	Sequence 2, Appl
27	24	100.0	501	2	US-08-781-802-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-09-187-789-59
; Sequence 59, Application US-09187789
; Patent No. 6341740
; GENERAL INFORMATION:
; APPLICANT: Ainemri, Emaad S.
; APPLICANT: Fernandez-Anemri, Teresa
; TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE, NUCLEIC ACID ENCODING
; TITLE OF INVENTION: AND METHODS OF USE
; FILE REFERENCE: 480140_434C1
; CURRENT APPLICATION NUMBER: US-09187789
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 59
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Mus musculus
; OS-09-187-789-59

Query Match Similarity 100.0% ; Score 24, DB 4, Length 53;
Matches 5; Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 KEELM 5
Db 5 KEELM 9

RESULT 2
US-09-179-601-54
; Sequence 54, Application US-09139600
; Patent No. 6413628
; GENERAL INFORMATION:
; APPLICANT: Fernandez-Anemri, Teresa
; APPLICANT: Fernandez-Anemri, Emaad S.
; TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE, NUCLEIC ACID ENCODING
; TITLE OF INVENTION: AND METHODS OF USE
; FILE REFERENCE: 480140_434
; CURRENT APPLICATION NUMBER: US-09139600
; CURRENT FILING DATE: 1998-08-25
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 54
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Mus musculus
; OS-09-179-601-54

QY 2 KEELM 5
Db 5 KEELM 9

Best Local Similarity 100.0% Pred. No. 52;
Matches 5; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

RESULT 3 US 08-194-189B 13
Query 1 KEELM 5
Db 5 KEELM 9
GENERAL INFORMATION:
APPLICANT: Yuan, Junying
PATENT NO.: 5,962,301
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,287B
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Buzalsky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609 39200001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-5540
TELEFAX: (202) 371-5540
TELEFAX: 248636 SSK
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
TOPOLOGY: both
US-08-258,287B-40

Query Match 100.0% Score 24; DB 3; Length 171;
Best Local Similarity 100.0% Pred. No. 1,5e+02;
Matches 5; conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 5 US-08-368-704C-40
Query Match 100.0% Score 24; DB 2; Length 171;
Best Local Similarity 100.0% Pred. No. 1,5e+02;
Matches 5; conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4 US 08-394-189B 13
Query Match 100.0% Score 24; DB 2; Length 171;
Best Local Similarity 100.0% Pred. No. 1,5e+02;
Matches 5; conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4 US 08-258,287B-40
Query Match 100.0% Score 24; DB 2; Length 171;
Best Local Similarity 100.0% Pred. No. 1,5e+02;
Matches 5; conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 5 US 08-394-189B 13
Query Match 100.0% Score 24; DB 2; Length 171;
Best Local Similarity 100.0% Pred. No. 1,5e+02;
Matches 5; conservative 0; Mismatches 0; Indels 0; Gaps 0;

GENERAL INFORMATION:
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,704C

GENERAL INFORMATION:

APPLICANT: Horvitz, Robert
 APPLICANT: Yuan, Jinying
 APPLICANT: Shaham, Shai

TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERFUKIN-1
 TITLE OF INVENTION: BETA CONVERTASE GENE TO A C. ELEGANS CELL DEATH
 TITLE OF INVENTION: GENE, INHIBITORY PORTIONS OF THESE GENES AND...
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Elbing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/394,189H
 FILING DATE: 24 FEB 2005
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/285,211
 FILING DATE: 12 JUL 1994
 APPLICATION NUMBER: 07/984,182
 FILING DATE: 20 NOV 1992
 APPLICATION NUMBER: 07/897,788
 FILING DATE: 12 JUN 1992

ATTORNEY/AGENT INFORMATION:

NAME: HICKER-BRADY, Kristina
 REGISTRATION NUMBER: 39,109
 REFERENCE/DOCKET NUMBER: 01497/211001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-9200
 TELEFAX: 617-428-7045

FILED:

SEQUENCE CHARACTERISTICS:

LENGTH: 172 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal

SEQUENCE ID NO: 26:

Query Match Similarity 100.0% Score 24; DB 2; length 172;
 Host/Target Similarity 100.0% Proj. No. 16e, v2; length 172;
 Matches 5, Conservative 5, Mismatches 0, indels 0; gaps 0

Y 1 KEELM 5
 Y 1111
 b 69 KEELM 73

RESULT 8
 S-08-394-189B-27
 Structure 27, Application US/08/394,189B
 Patent No. 5962301

GENERAL INFORMATION:

APPLICANT: Horvitz, Robert
 APPLICANT: Yuan, Jinying
 APPLICANT: Shaham, Shai

TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERFUKIN-1
 TITLE OF INVENTION: BETA CONVERTASE GENE TO A C. ELEGANS CELL DEATH
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Elbing LLP
 STREET: 176 Federal Street

CITY: Boston
 STATE: MA
 COUNTRY: USA
 211: (02)16
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM compatible
 SOFTWARE: EastSIS for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/394,184H
 FILING DATE: 24 FEB 2005
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/2382,211
 FILING DATE: 12 JUL 1994
 APPLICATION NUMBER: 07/384,182
 FILING DATE: 20 NOV 1992
 APPLICATION NUMBER: 07/897,788
 FILING DATE: 12 JUN 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: BICKER-BRADY, Kristina
 REGISTRATION NUMBER: 9,109
 REFERENCE/DOCKET NUMBER: 01997/211001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-7040
 TELEFAX: 617-428-7045
 TELELEX:
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 172 amino acids
 TYPE: amino acid
 STANDALONE: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-394 189B-27

RESULT 9
 US-08-410 167A-4
 Sequence 4, Application US/08410167A

GENERAL INFORMATION:
 APPLICANT: Tokuto NISHINO, Shinichi OHNUMA, Manabu SUZUKI,
 APPLICANT: Chikara OHTO, Chika ASUA, Yuka HIGHTH, Yoshie TAKEMOTO
 TITLE OF INVENTION: Glyceranyl Diaphosphate Synthase and DNA
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESS: Kenyon & Kenyon
 STREET: One Broadway
 CITY: New York
 STATE: NY
 COUNTRY: US
 ZIP: 10004
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10004

RESULT 9
 US-08-410 167A-4
 Sequence 4, Application US/08410167A

GENERAL INFORMATION:
 APPLICANT: Tokuto NISHINO, Shinichi OHNUMA, Manabu SUZUKI,
 APPLICANT: Chikara OHTO, Chika ASUA, Yuka HIGHTH, Yoshie TAKEMOTO
 TITLE OF INVENTION: Glyceranyl Diaphosphate Synthase and DNA
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESS: Kenyon & Kenyon
 STREET: One Broadway
 CITY: New York
 STATE: NY
 COUNTRY: US
 ZIP: 10004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" floppy disk
 COMPUTER: IBM pc compatible
 OPERATING SYSTEM: PC/MS-DOS 6.2
 SOFTWARE: WordPerfect 6.1 Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/410,167A
 FILING DATE: 24 MAR 1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 6-53804
 FILING DATE: 24 MAR 1994
 APPLICATION NUMBER: JP 6-315572
 FILING DATE: 25 NOV 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Edward W. Greason
 REGISTRATION NUMBER: 18,918
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)425-7200
 TELEFAX: (212)425-5288
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 330 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Sulfotolobus acidocaldarius
 STRAIN: ATCC 33909
 US-08-410-167A-4

Query Match 100.0%; Score 24; DB 1; Length 340;
 Best local Similarity 100.0%; Pred. No. 2,8e+02;
 Matches 5; Conservative 0; Mismatches 0; Gaps 0; Gaps 0;

Qy 1 KEELM 5
 Db 271 KEELM 275

RESULT 10
 US-08-888-560-1
 Sequence 1, Application US/08408560
 Patent No. 593832

GENERAL INFORMATION:
 APPLICANT: Hironuki NAKANE, Chikara OHTO, Shinichi OHNUMA,
 APPLICANT: Kazutaka HIROKA, Tokuto NISHINO
 TITLE OF INVENTION: Diposphosphate Synthase
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Kenyon & Kenyon
 STREET: One Broadway
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10004

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" floppy disk
 COMPUTER: IBM pc compatible
 OPERATING SYSTEM: PC/MS-DOS 6.2
 SOFTWARE: WordPerfect 6.1 Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE: 24 JUL 96
 ATTORNEY/AGENT INFORMATION:
 NAME: Edward W. Greason
 REGISTRATION NUMBER: 18,918
 REFERENCE/DOCKET NUMBER: 77670/45
 TELEPHONE: (212)425-7200
 TELEFAX: (212)425-5288
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 330 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 ORGANISM: *Sulfolobus acidocaldarius*
 STRAIN: ATCC 33909
 FEATURE: Asp-rich domain
 NAME/KEY: Asp-rich domain
 LOCATION: 82-86
 US-08-898-560-1

Query Match 100.0% Score: 24; DB: 2; Length: 330;
 Best Local Similarity 100.0%; Fred. No. 2.8e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;
 SEQ ID NO: 1 KEELM 5
 Db 271 KEELM 275

RESULT 11
 US-09-101-126-1
 Sequence 1. Asp-rich domain 0.8, 0.4, 0.1, 0.6
 Patent No. 6316216
 GENERAL INFORMATION:
 APPLICANT: OHTO, CHIKARA
 APPLICANT: NAKANE, HIROYUKI
 APPLICANT: NISHINO, TOKIO
 APPLICANT: OHMIMA, SHINICHI
 APPLICANT: HIROOKA, KAZUAKA
 TITLE OF INVENTION: MUTATED PRENYL DIPHOSPHATE SYNTHASES
 FILE REFERENCE: 77670/566
 CURRENT FILING DATE: 1999-04-27
 EARLIER APPLICATION NUMBER: PCT/JP97/03921
 EARLIER FILING DATE: 1997-10-29
 EARLIER APPLICATION NUMBER: PCT/JP-97/03921
 EARLIER FILING DATE: 1996-11-05
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 1
 LENGTH: 330
 TYPE: PRT
 ORGANISM: *Sulfolobus acidocaldarius*
 FEATURE:
 OTHER INFORMATION: 82-86 is an Asp-rich domain
 US-04-101-126-1

Query Match 100.0% Score: 24; DB: 4; Length: 330;
 Best Local Similarity 100.0%; Fred. No. 2.8e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;
 SEQ ID NO: 1 KEELM 5
 Db 271 KEELM 275

RESULT 12
 US-08-111-939-13
 Sequence 13, Application US-08111939
 Patent No. 5460051
 GENERAL INFORMATION:
 APPLICANT: Kawai, Shinji
 APPLICANT: Takeshita, Sunao
 APPLICANT: Okazaki, Makoto
 APPLICANT: Amano, Etsuji
 TITLE OF INVENTION: Bone-related carboxypeptidase-Like
 TITLE OF INVENTION: protein and process for its production
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS: 27
 ADDRESSEE: Finegan, Henderson, Farabow, Garrett & Dunner
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: D.C.

COUNTRY: USA
 ZIP: 20005-3115
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08/111-939
 FILING DATE: 26-APR-1993
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: JP 324033/92
 FILING DATE: 03-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 230023/92
 FILING DATE: 28-AUG-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Forman, David S.
 REGISTRATION NUMBER: 33,694
 PREFERRED ENTITY: NUMBER: 324031-324-90000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4000
 FAX: 202-408-4000
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 434 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-111-939-13

Query Match 100.0% Score: 24; DB: 4; Length: 434;
 Best Local Similarity 100.0%; Fred. No. 3.7e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;
 SEQ ID NO: 1 KEELM 5
 Db 418 KEELM 422

RESULT 13
 US-09-233-989-7
 Sequence 7, Application US-09233989
 Patent No. 624527
 GENERAL INFORMATION:
 APPLICANT: Chen, Hong
 APPLICANT: Meyer, Joanne
 TITLE OF INVENTION: Method of Detecting Risk of Type II Diabetes Based on Mutations Found in Carboxypeptidase E
 FILE REFERENCE: 5800-14, 035800174130
 CURRENT FILING DATE: 1999-01-19
 EARLIER APPLICATION NUMBER: US-09/233,989
 CURRENT FILING DATE: 1998-10-21
 EARLIER APPLICATION NUMBER: 60/105,102
 NUMBER OF SEQ ID NOS: 10
 SEQ ID NO: 7
 LENGTH: 434
 TYPE: PRT
 ORGANISM: *Alcydia*
 FEATURE:
 OTHER INFORMATION: carboxypeptidase E
 US-09-233-989-7
 Query Match 100.0% Score: 24; DB: 4; Length: 434;
 Best Local Similarity 100.0%; Fred. No. 3.7e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;

Query Match 100.0% Score: 24; DB: 4; Length: 434;
 Best Local Similarity 100.0%; Fred. No. 3.7e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;

Query Match 100.0% Score: 24; DB: 4; Length: 434;
 Best Local Similarity 100.0%; Fred. No. 3.7e-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;

RESULT 14 OS 08-111-939-14

Sequence 14, Application US/08111939

Patent No. 5460951

GENERAL INFORMATION:

APPLICANT: Kawai, Shinji

APPLICANT: Takeshita, Sunao

APPLICANT: Okazaki, Makoto

APPLICANT: Amann, Egon

TITLE OF INVENTION: Bone Related Carboxypeptidase-Like Protein and Process for its Production

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.P.

ADDRESS: 1000 I Street, N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004-3415

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/111,939

FILING DATE: 26-AUG-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 324033/92

FILING DATE: 28-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 02481.1421-00000

TELECOMMUNICATION INFORMATION:

APPLICATION NUMBER: US/08/111,939

FILING DATE: 26-AUG-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 324033/92

FILING DATE: 03-DEC-1992

APPLICATION NUMBER: US/08/111,939

FILING DATE: 28-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 02481.1421-00000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4000

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 435 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

US-08-111-939-15

Query Match 100.0% Score 24; DB 1; Length 435;

Best Local Similarity 100.0% Pred. No. 3.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5

DB 419 KEELM 423

Search completed: January 16, 2003, 16:59:11

Job time: 6.14286 secs

RESULT 15 OS 08-111-939-15

Sequence 15, Application US/08111939

Patent No. 5460951

GENERAL INFORMATION:

APPLICANT: Kawai, Shinji

APPLICANT: Takeshita, Sunao

APPLICANT: Okazaki, Makoto

APPLICANT: Amann, Egon

TITLE OF INVENTION: Bone Related Carboxypeptidase-Like Protein and Process for its Production

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.P.

ADDRESS: 1000 I Street, N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20005-3415

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/111,939

FILING DATE: 26-AUG-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 324033/92

FILING DATE: 28-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 02481.1421-00000

TELECOMMUNICATION INFORMATION:

APPLICATION NUMBER: US/08/111,939

FILING DATE: 26-AUG-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 324033/92

FILING DATE: 03-DEC-1992

APPLICATION NUMBER: US/08/111,939

FILING DATE: 28-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 02481.1421-00000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4000

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 435 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

OS 08-111-939-14

Query Match 100.0% Score 24; DB 1; Length 435;

Best Local Similarity 100.0% Pred. No. 3.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5

DB 419 KEELM 423